

REMARKS

The Examiner is thanked for the interview granted to Applicant's representative during which amendments to the claims were discussed.

Claims 1-2, 4-11, 13-20 and 22-26 were rejected under 35 U.S.C. 102(e) as being anticipated by Zeidman et al. (US 2005/0010378 A1). Claims 1-2, 4-11, 13-20 and 22-26 were rejected under 35 U.S.C. 102(e) as being anticipated Pritchard et al. (U.S. Pat. No. 7,149,827 B1). Claims 3, 12, and 21 are rejected under 35 U.S.C. 103(a) as being obvious over Zeidman et al. in view of Nakayama et al. (U.S. Pat. No. 7,120,885 B2) or Tanimoto et al. (U.S. Pat. No. 7,117,459 B2).

Claims 1, 3, 10, 12, 19 and 21 have been amended to address the claim objections raised by the Examiner.

Claims 1, 10, and 19 have been amended to include steps or components for receiving customization information at a generator module or program described, for example, in FIGS. 1 and 2, and on page 9 of the specification. Also included in the configuration step are creation of a logic description and providing the logic description to a synthesis tool. The claims have also been amended to recite that the generator module automatically generates a netlist and provides the netlist to a PCB layout tool. The claims now also recite that secondary side arbitrators are used with programmable chip components which allow for direct communication between a secondary component having an associated secondary side arbitrator and a primary programmable chip component, thereby eliminating the need for a system bus arbitrator. Support for this amendment can be found, for example, at pages 13-14 of the specification and in FIG. 4. The amended claims now recite the relationship among the processor core, which transmits request controls to secondary side arbitrators corresponding to secondary components.

CONCLUSION

Applicant believes that all pending claims are allowable and respectfully requests a Notice of Allowance for this application from the Examiner. Should the Examiner believe that a telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

Respectfully submitted,
BEYER WEAVER LLP

/Godfrey Audrey Kwan/

Godfrey Audrey Kwan
Registration No. 46,850

P.O. Box 70250
Oakland, CA 94612-0250
Telephone: (510) 663-1100